

APPENDIX C-60

NEW ITEM/FAMILY CONFLICT DATA ELEMENTS CHART

1. ORIGIN/SOURCE

This chart portrays the source of data elements for new items entering the system and the separation/establishment of data elements whenever a family conflict occurs as the result of family changes, DIC ZJS, or catalog changes, DIC ZRY. Data elements referenced herein are those to be established in the SCF.

2. PURPOSE/USE

a. Part I outlines the data elements established in the SCF for new items entering the system through IMC procedures (Logistic Gains) or new items being entered through the Provisioning Process. A maximum length record will be established for SSC 2, 3, or 9, items and data elements established in the same manner as for NSO items.

b. Part II outlines the mechanical processing of supply control data elements/records (transfer, establishment, and recomputation) when the monthend items are to be separated; members reestablished as heads; supply control records transferred/established; and forecast data elements recomputed. Family or catalog conflicts can occur only when a family change, DIC ZJS, or a catalog change, DIC ZRY, is input against a bachelor item.

(1) A UI change against the family head or member causing a different UI within the group;

(2) A family change which deletes an item from a group and establishes it as a bachelor item or consolidates it with another group; and

(3) A catalog change against an NSN which is not in the same family group as the replacing NSN. This could be caused by a change against a family member or against a family head having one or more members.

3. REFERENCES

- a. Chapter 27.
- b. Chapter 28.
- c. Chapter 38.
- d. Chapter 39.
- e. Chapter 48.

#### 4. FORMAT

This chart is formatted by data element and initial entry (part I), and data element and family conflict caused by ZJS/ZRY against head of family/member (part II).

##### PART I

Establishment of data elements in the Supply Control Header Record for new items entering the system.

<u>DATA ELEMENT</u>	<u>INITIAL ENTRY</u>
Federal Supply Class	From ZRY
National Item Identification Number	From ZRY
Standard Price	From ZRY
Header Count	ADP Generated
Trailer Counts	ADP Generated
Mixed Management Code	From ZRY
Age of Item Code	N
VIP Code	N
Post D-Day Planned Production Codes	N
Procurement Cycle Code	F
Tentative Due-In Restriction Code	N
Standard Supply Ctrl Study Code (LVD)	N
Demand Value Code	Computed (D-215 for NG only or D-232 for NN)
Item Category Code	Computed (D-215 for NG only or D-232 for NN)
Safety Level Code	F
Method of Computation Code	Z
Acquisition Advice Code	From ZRY
Supply Status Code	From ZRY
Future Supply Status Code	N

DATA ELEMENTINITIAL ENTRY

User Codes	From ZRY
Date Management of Item Assumed	Current Date if Catalog Change Code is NN. Effective Date if Catalog Change Code is NG.
Effective Date of Catalog Change	From ZRY
Catalog Change Code	From ZRY
Unit of Issue	From ZRY
NATO Number	From ZRY
Standardization Status Code	From ZRY
Item Name	From ZRY
Federal System Entry Date	From ZRY
Inactive Item Review Date	This date is equal to the greater of the Federal System Entry Date plus seven years or the date management of the item is assumed plus two years.
Demand Cutoff Date	Zero
Date of Last Supply Control Study	Zero
Date of Last Buy	Zero
Date of Last Disposal Action	Zero
Date of Last Demand	Zero
Study Reasons Counters	Zero
Output Routing Code	ZZ
Program Chg. Factor Appl. Code	X
Quarterly Forecast of Demand	Computed (D-215 for NG only or D-232 for NN)
QFD - New Item	Computed (D-215 for NG only or D-232 for NN)
Single Smoothed Average (System)	Computed (D-215 for NG only or D-232 for NN)

<u>DATA ELEMENT</u>	<u>INITIAL ENTRY</u>
Mobilization Reserve Classification Code	N
Double Smoothed Average (System)	Computed (D-215 for NG only or D-232 for NN)
Safety Level Quantity (System)	Computed (D-215 for NG only or D-232 for NN)
NSO Quantity	Computed (D-215 for NG only or D-232 for NN)
Quarterly Returns Forecast Quantity	Zero
Algebraic Sum of Forecast Errors	Zero
Mean Absolute Deviation	Computed (D-215 for NG only or D-232 for NN)
Additional Economic Retention Quantity	Zero
Minimum Procurement Quantity	Zero
Intermediate Pack Quantity	Zero
Shipping Container Quantity	Zero
Minumum Carload Quantity	Zero
Inhibit Codes:	
Quarterly forecast of Demand	C
ALT	C
PLT	C
Return Forecast	C
Safety Level	C
Appl. Nonrec Demand %	C
Regular Alpha Factor	Zero
Tracking Signal Correction Counter	Zero
No. of Periods Corr. to be Applied	2
ALT (Days)	D-2, Table 020
PLT (Days)	Computed (D-215 for NG only or D-232 for NN)

<u>DATA ELEMENT</u>	<u>INITIAL ENTRY</u>
Repair Leadtime (Days)	Zero
Post D-Day Prod Leadtime (Months)	Zero
Procurement Cycle (Months)	Computed (D-215 for NG only or D-232 for NN)
Fixed Safety Level (Months)	Computed (D-215 for NG only or D-232 for NN)
Operating Level (Months)	Computed (D-215 for NG only or D-232 for NN)
Procurement Grouping Code	Zero
Appl. Nonrec Demand Percentage	Zero
Inactive Item Review Counter	Zero
Out-of-Track Indicator Code	Blank
Inactive Item Review Status Code	N
Essential Item Code	9
Forecast Basis Code	2 = Non-VIP
Merger Family Number	Zero
Peculiar Management Codes	Blank
Shelf-Life Code and Months	From ZRY
Storage Mission Codes	From Policy Table 020, app. D-2
DSC Code	From ZRY
Cost Price	Zero
FILL Qty - Norfolk	Zero
FILL Qty - Oakland	Zero
Mob Res Distr. Factor Review Code	Zero
Personnel Related Item Code	Zero

## PART II

Mechanical processing of supply control data elements/records (transfer, establishment, and recomputation) when a family conflict occurs as a result of family changes or catalog changes.

### a. Catalog Changes:

(1) Type of Catalog Change CC. When a UI change against a family head or member causes a different UI within a family group, the demands must be separated and converted on the catalog effective date based on the catalog change.

(a) Establish new supply control header records for member items involved as outlined in subparagraph (c) below.

(b) Separate demands for items involved and establish demand trailer record for member items.

(c) Transfer other trailer records (SPR/Provisioning/Procurement - Repair Other Nonrecurring Requirements) when they apply to members being established.

(2) Type of Catalog Change RB - Delete and Transfer To. When the item being deleted is a bachelor item, no conflict exists; therefore, no action is required. The supply control header and trailer records will be reidentified under the replacing NSN. When a family group with members is involved, the items must be separated since an FSC change causes a conflict.

(a) Establish new supply control header record for members being pulled out or new family head as outlined in subparagraph (c) below.

(b) Separate demands for items being deleted and establish demand trailer record for same.

(c) Transfer other trailer records (SPR/Provisioning/Procurement - Repair/Other Nonrecurring Requirements) when they apply to items being deleted.

(d) Recompute forecast data elements for both families as outlined in subparagraph c.

(3) Type of Catalog Change RA - Delete and Consolidate With. No action required if the item being deleted is in the family group with the replacing item. If the item being deleted is in a different group, the item must be pulled out and consolidated with the replacing item. When the item being deleted is the family head, the members will be bachelorized and new supply control header and trailer records established.

(a) Establish supply control header record for member items as outlined in subparagraph c, when the deleted item is the family head; otherwise, only recomputation based on separation is required.

(b) Separate demands and consolidate with the replacing item.

(c) Transfer trailer records (demand/FTE/SPR/Provisioning/Weapon System/Procurement - Repair/Other Nonrecurring Requirements) when they apply to items being transferred and/or members being established as heads.

(d) Recompute forecast data elements for families involved as outlined in subparagraph c.

(4) Type of Catalog Change DL - Delete, Superseded By. No action required if the item being deleted is in the family group with the replacing NSN. If the item being deleted is in a different group, the item must be pulled out and consolidated with the superseding item. When the item being deleted is the family head, the members will be bachelorized and new supply control header and trailer records established.

(a) Separate demands; establish supply control header record; and recompute forecast data elements in the same manner as for Type of Catalog Change RA.

(b) Transfer trailer records (demand/FTE/SPR/Provisioning/Weapon System/Other Nonrecurring Requirements) when they apply to items being transferred and/or members being established as heads.

NOTE: If the superseding NSN is not in the Monthend Asset File (NIR), no requirements data/trailer records will be transferred and the SCRs for the replaced (old) NSN will be deleted.

(5) Type of Catalog Changes DM (Supply by Component); DP (Supply by Next Higher Assembly); and DQ (Supply by Fabrication). When the items are a member of a family group, the demands will be separated and the remaining items in the group will be recomputed. If the items are established as bachelor items, the supply control header and trailer records will be deleted.

(a) Establish supply control header record for member items as outlined in subparagraph c when the deleted item is the family head.

(b) Separate demands and establish demand trailer record for member items. Drop the demands for items being deleted.

(c) Transfer other trailer records (FTE/SPR/Provisioning/Weapon System/Other Nonrecurring Requirements) for applicable members when the item being deleted is the head of the family.

(d) Recompute forecast data elements for family head or members established as bachelor items as outlined in paragraph c below.

(6) Type of Catalog Change DW (Delete without Replacement - All Users Withdrawn Including the DSC) and DD (Delete without Replacement - Invalid). When the items are a member of a family group, the demands

will be separated and the remaining items in the group will be recomputed. If items are established as bachelor items, the supply control header and trailer records will be deleted.

(a) Establish supply control header record for member items as outlined in paragraph c below when the deleted item is the family head.

(b) Separate demands and establish demand trailer record for member items. Drop the demands for the item being deleted.

(c) Transfer other trailer records (FTE/SPR/Provisioning/Weapon System/Other Nonrecurring Requirements) for applicable members when the item being deleted is the head of the family.

(d) Recompute forecast data elements for family head or members established as bachelor items as outlined in paragraph c below.

b. Family Changes.

(1) When bachelor items are initially family grouped, the mechanical processing is the same as that outlined for Type of Catalog Change Codes RA or DL as covered in appendix D-215.

(2) When family grouping has been accomplished and family changes (ZJS) are processed that deletes an item from a group and establishes it as a bachelor item or consolidates it with another group, the procedures outlined here will be followed. If the item is deleted and established as a bachelor item or consolidated with another group, both items will be recomputed and/or a supply control header record established.

(a) Establish supply control header record for family member deleted and established as a bachelor item as outlined in paragraph c below. If the family head is deleted and consolidated with another group, remaining members will be bachelorized and supply control header record established.

(b) Separate demands and establish demand trailer record for deleted member/other members established as bachelor items(s). If deleted item is being consolidated with an existing family group, separate demands for deleted item and consolidate with those of the existing family group.

(c) Transfer other trailer records (FTE/SPR/Provisioning/Weapon System/Other Nonrecurring Requirements) when they apply to items being reestablished as bachelor items or transferred to another family group.

(d) Recompute forecast data elements as outlined in paragraph c below for bachelor items and family groups involved.

c. The establishment of the supply control header record and recomputation of forecast data are mechanically accomplished as follows:

<u>DATA ELEMENT</u>	<u>FAMILY CONFLICT</u> <u>ZRY AGAINST HEAD FAMILY</u>		<u>FAMILY CONFLICT</u> <u>ZRY AGAINST FAMILY MEMBER</u>	
	<u>HEAD</u>	<u>MEMBER</u>	<u>HEAD</u>	<u>MEMBER</u>
Federal Supply Class	ZRY/SCF	NIR Family Sec	SCF	NIR
NIIN	ZRY/SCF	NIR Family Sec	SCF	NIR
Standard Price	ZRY/SCF	NIR	SCF	ZRY/NIR
Mixed Management Code	No Change	N	No Change	ZRY/N
Age of Item Code	No Change Head	SCF for Head	No Change	SCF for
VIP Code	No Change	N	No Change	N
Post D-Day Prod Plan Code	No Change	N	No Change	N
Procurement Cycle Code	F, Fixed	F, Fixed	No Change	F, Fixed
Tentative Due-In Restriction Code	No Change	SCF for Head	No Change Head	SCF for
SSCS Code (Low Value Only)	No Change	SCF for Head	No Change	SCF for Head
Demand Value Code (Computed)	New Item Procedure (D-215 for NG only or D-232 for NN)		New Item Procedure (D-215 for NG only or D-232 for NN)	
Item Category Code	New Item Procedure (D-215 for NG only or D-232 for NN)		New Item Procedure (D-215 for NG only or D-232 for NN)	
Safety Level Code	F, Fixed	F, Fixed	F, Fixed	F, Fixed
Method of Computation Code	No Change	SCF for Head	No Change	SCF for Head
Acquisition Advice Code	ZRY/SCF	NIR	No Change	ZRY/NIR
Supply Status Code (SSC)	ZRY/SCF	NIR	No Change	ZRY/NIR
Future SSC	ZRY/SCF	NIR	No Change	NRY/NIR

FAMILY CONFLICT  
ZRY AGAINST HEAD FAMILY

FAMILY CONFLICT  
ZRY AGAINST FAMILY MEMBER

<u>DATA ELEMENT</u>	<u>HEAD</u>	<u>MEMBER</u>	<u>HEAD</u>	<u>MEMBER</u>
User Codes	ZRY or No Change	NIR	No Change	ZRY/NIR
Date Management Assumed	No Change	SCF for Head	No Change	SCF for Head
Effective Date of Catalog Change	ZRY or No Change	Blank	No Change	ZRY or Blank
Catalog Change Code	ZRY or No Change	Blank	No Change	ZRY or Blank
Mob Res Class Code	No Change	N	No Change	N
Unit of Issue	ZRY/SCF	NIR	No Change	ZRY or NIR
NATO Number	ZRY/SCF	Zero	No Change	ZRY or NIR
Standardization Status Code	ZRY or No Change	ZRY or NIR	No Change	ZRY or Blank
Item Name	No Change	Blank	No Change	ZRY or Blank
System Entry Date	No Change	Blank	No Change	ZRY or Blank
Inactive Item Review Date	No Change	SCF for Head	No Change	SCF for Head
Demand Cutoff Date	Current Forecast Cutoff Date		Current Forecast Cutoff Date	
Date of Last Supply Control Study	No Change	Zero	No Change	Zero
Date of Last Buy	No Change	Zero	No Change	Zero
Date of Last Disposal	No Change	Zero	No Change	Zero
Date of Last Demand	No Change	SCF for Head	No Change	SCF for Head
Output Routing Code	No Change	SCF for Head	No Change	SCF for Head

FAMILY CONFLICT  
ZRY AGAINST HEAD FAMILY

FAMILY CONFLICT  
ZRY AGAINST FAMILY MEMBER

<u>DATA ELEMENT</u>	<u>HEAD</u>	<u>MEMBER</u>	<u>HEAD</u>	<u>MEMBER</u>
Program Change Factor Applicability Code	X	X	X	X
Quarterly Forecast of Demand/System (Computed)	Annual Dem ÷ 4	Annual Dem ÷ 4	Annual Dem ÷ 4	Annual Dem ÷ 4
Quarterly Forecast of Demand/New Item (Computed)	0 if E, QFD if N	0 if E, QFD if N	0 if E, QFD if N	0 if E, QFD if N
Single Smooth Average (SSA)/System (Computed)	VIP Code Y = 1/3 QFD VIP Code N = QFD	VIP N = QFD	VIP Y = 1/3 QFD VIP N = QFD	VIP QFD=1/3
Double Smooth Average/ System (Computed)	Same as SSA	Same as SSA	Same as SSA	Same as SSA
Safety Level Quantity/ System (Computed)	New Item Procedure (D-215 for NG only or D-232 for NN)		New Item Procedure (D-215 for NG only or D-232 for NN)	
Numeric Stockage Objective Procedure Quantity (Computed)	New Item Procedure (D-215 for NG only or D-232 for NN)		New Item Procedure (D-215 for NG only or D-232 for NN)	
Quarterly Return Forecast Quantity	Zero	Zero	Zero	Zero
Algebraic Sum of Forecast Errors	Zero	Zero	Zero	Zero
Mean Absolute Deviation (MAD)	New Item Procedure (D-215 for NG only or D-232 for NN)		New Item Procedure (D-215 for NG only or D-232 for NN)	
Additional Economic Retention Quantity	No Change	Zero	No Change	Zero
Minimum Procurement Quantity	No Change	Zero	No Change	Zero
Intermediate Pack Quantity	No Change	Zero	No Change	Zero
Shipping Container Quantity	No Change	Zero	No Change	Zero

FAMILY CONFLICT  
ZRY AGAINST HEAD FAMILY

FAMILY CONFLICT  
ZRY AGAINST FAMILY MEMBER

<u>DATA ELEMENT</u>	<u>HEAD</u>	<u>MEMBER</u>	<u>HEAD</u>	<u>MEMBER</u>
Minimum Carload Quantity	No Change	Zero	No Change	Zero
Inhibit Codes:				
Quarterly Forecast of Demand	No Change	C	No Change	C
Administration Leadtime	No Change	C	No Change	C
Production Leadtime	No Change	C	No Change	C
Returns Forecast	No Change	C	No Change	C
Safety Level	No Change	C	No Change	C
ANRDP	No Change	C	No Change	C
Regular ALPHA Factor	No Change	Zero	No Change	Zero
Track Sign Correction Counter	No Change	Zero	No Change	Zero
Administrative Leadtime	No Change	SCF for Head	No Change	SCF for Head
Production Leadtime	No Change	SCF for Head	No Change	SCF for Head
Repair Leadtime	No Change	SCF for Head	No Change	SCF for Head
Post D-Day Production Leadtime	No Change	Zero	No Change	Zero

FAMILY CONFLICT  
ZRY AGAINST HEAD FAMILY

FAMILY CONFLICT  
ZRY AGAINST FAMILY MEMBER

<u>DATA ELEMENT</u>	<u>HEAD</u>	<u>MEMBER</u>	<u>HEAD</u>	<u>MEMBER</u>
Procurement Cycle Months (Computed)	New Item Procedure (D-215 for NG only or D-232 for NN)		New Item Procedure (D-215 for NG only or D-232 for NN)	
Fixed Safety Level Months	New Item Procedure (D-215 for NG only or D-232 for NN)		New Item Procedure (D-215 for NG only or D-232 for NN)	
Operation Levels Months	New Item Procedure (D-215 for NG only or D-232 for NN)		New Item Procedure (D-215 for NG only or D-232 for NN)	
Procurement Group Code	No Change	Zero	No Change	Zero
Appl. Nonrec. Demand Percentage	No Change	SCF for Head	No Change	SCF for Head
Out-of-Track Indicator Code	Blank	Blank	Blank	Blank
Inactive Item Review Status Code	No Change	Blank	No Change	Blank
Essential Item Code	No Change	9	No Change	9
Forecast Basis Code	1= VIP, 2 = Non-VIP	2 = Non-VIP	1 = VIP, 2 = Non-VIP	2 = Non-VIP
Merger Family Number	No Change	Blank	No Change	Blank
Peculiar Management Code	No Change	Blank	No Change	Blank
Shelf-Life Code and Months	ZRY/SCF	SCF for Head	No Change	ZRY or Head
Storage Mission Code	No Change	New Item Procedure (D-215 for NG only or D-232 for NN)	No Change	New Item Procedure (D-215 for NG only or D-232 for NN)
DSC Code	No Change	SCF for Head	No Change	ZRY or SCF for Head
Cost Price	No Change	Blank	No Change	Blank

FAMILY CONFLICT  
ZRY AGAINST HEAD FAMILY

FAMILY CONFLICT  
ZRY AGAINST FAMILY MEMBER

<u>DATA ELEMENT</u>	<u>HEAD</u>	<u>MEMBER</u>	<u>HEAD</u>	<u>MEMBER</u>
PMRMR	No Change	Blank	No Change	Blank
GMRAO	No Change	Blank	No Change	Blank
GMRFR	No Change	Blank	No Change	Blank
AFRL	No Change	Blank	No Change	Blank
CRGF	No Change	Blank	No Change	Blank
Mob Res. Dist. Fac. Rev. Code	No Change	Blank	No Change	Blank
Pers. Related Item Code	No Change	Blank	No Change	Blank
PMRMR Inc.	No Change	Blank	No Change	Blank
FILL - NNC	No Change	Blank	No Change	Blank
FILL - NOC	No Change	Blank	No Change	Blank
Mob Dist. Factor - E	No Change	Blank	No Change	Blank
Mob Dist. Factor - W	No Change	Blank	No Change	Blank
Mob Dist. Factor - S	No Change	Blank	No Change	Blank
Expected Demand Forecast: (Army, Air Force, Marine, Navy)	Blank	Blank	Blank	Blank
Header Count	ADP Generated		ADP Generated	
Trailer Count	ADP Generated		ADP Generated	
Study Reason Counters	Zero	Zero	Zero	Zero
Number of Periods Correction to be Applied	No Change	2	No Change	2
Inactive Item Review Counter	No Change	Blank	No Change	Blank

FAMILY CONFLICT  
ZRY AGAINST HEAD FAMILY

FAMILY CONFLICT  
ZRY AGAINST FAMILY MEMBER

DATA ELEMENT

HEAD

MEMBER

HEAD

MEMBER

PRDA

No Change

New Item  
Procedure  
(D-215 for  
NG only or  
D-232 for  
NN)

No Change

New Item  
Procedure  
(D-215  
for NG  
only or  
D-232 for  
NN)